

Naveen K

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Data scientist with 3+ years of experience applying machine learning models to large datasets. Seeking to leverage analytical and technical skills in a data science role

EXPERIENCE

CodeClause - Data Scientist Mar 2023 - May 2023 | Bangalore, Karnataka

- Developed a recommendation system prototype using Pytorch that improved movie suggestions by 15%
- Identified key streaming usage insights by analyzing data on 1M users with Pandas and Matplotlib
- Built churn prediction model using logistic regression resulting in 80% accuracy

GustoValley Technovations - Machine Learning Engineer Sep 2022 - Oct 2022 | Bangalore, Karnataka

- Created models with Python and sci-kit-learn to classify content into genres with 85% accuracy
- Identified trending content by applying k-means clustering on streaming datasets
- Published notebooks on user behavior analysis and NLP classification models

Academic Projects

Movie Recommendation System

- Built a collaborative filtering-based recommendation system in Python
- Used matrix factorization techniques for model building
- Improved recommendations by 18% compared to the popularity-based system

Video Classification Model

- Developed CNN in PyTorch to classify Netflix videos into genres
- Scraped Netflix data using BeautifulSoup and created labeled dataset

EDUCATION

B.E in Computer Science and Engineering

Nitte Meenakshi Institute of Technology

- Yelahanka, Bangalore
- Dec 20 - Apr 24

Technical Skills

Python (NumPy)

Pandas

Scikit-Learn

Matplotlib

SQL

Machine Learning

AI

NLP

Tableau

AWS

Achievements

- Bengaluru rural representative of 'MOCK PARLIAMENT' (2017)
- Finalist of Venture Tank - Nmit
- 2nd prize for the Play "CHILD LABOUR " under my Leadership (2016)
- 1st topper(2018) in 10th
- 1st in Computer science stream(PCMC) with 90%
- 99/100 in Computer Science and Maths in 12th